

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'26'', long 82°04'03'', Spartanburg County, Hydrologic Unit 03050105, on left bank, at Milliken and Co., Dewey Plant, 1.8 mi southeast of Inman and 3.8 mi upstream from Meadow Creek.

DRAINAGE AREA.--6.46 mi².

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Data collection platform. Elevation of gage is 838 ft above NGVD of 1929 (from topographic map). Prior to December 8, 1999, at site 120 ft upstream and at datum 1.94 ft lower.

REMARKS.--Records fair except for discharges below 15 cfs and estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	2.6	3.8	3.9	6.3	3.9	7.0	7.4	2.3	1.0	0.52	2.7
2	1.9	2.5	3.5	3.9	6.0	12	5.8	4.2	1.8	1.1	0.58	2.2
3	1.5	2.7	3.4	4.4	5.9	8.4	5.5	4.7	1.9	1.4	0.66	2.0
4	1.9	2.6	3.2	4.1	5.6	5.5	5.1	30	1.6	1.6	0.51	1.5
5	1.4	2.7	3.1	4.2	5.4	4.9	4.8	8.5	1.9	0.92	0.48	1.2
6	2.8	2.5	3.1	11	8.7	4.7	4.7	6.6	1.5	0.54	0.49	1.2
7	2.3	2.6	3.1	5.7	14	4.5	4.6	5.7	1.8	0.46	0.37	1.0
8	2.1	2.7	3.2	4.5	9.4	4.4	4.5	5.0	1.8	0.40	0.38	0.97
9	2.0	2.8	2.9	4.4	7.4	4.9	5.1	6.4	1.4	0.40	0.46	1.1
10	1.9	2.6	13	4.4	6.9	4.4	4.8	6.2	1.3	0.51	0.55	0.88
11	2.1	2.7	8.6	4.3	5.9	4.1	4.5	4.9	1.2	3.1	0.53	0.86
12	2.7	2.9	4.8	4.3	5.3	10	5.1	4.8	1.1	1.9	0.46	0.84
13	2.9	2.9	4.9	4.4	5.0	13	5.8	8.7	1.1	1.6	0.43	1.9
14	18	2.9	4.6	4.1	4.9	6.8	5.1	6.2	1.0	2.2	0.37	12
15	4.3	2.8	4.3	4.2	4.7	5.8	4.6	4.6	1.2	1.9	9.2	e120
16	2.8	2.9	4.1	3.9	4.8	5.6	4.2	4.2	0.96	1.5	21	34
17	2.9	2.9	8.8	4.1	4.4	11	3.8	3.8	0.92	0.92	6.5	8.6
18	2.7	2.8	7.9	3.9	4.3	6.6	3.6	4.4	0.79	0.78	2.9	6.2
19	2.9	3.1	5.4	23	4.2	5.8	3.4	3.8	1.0	0.64	2.0	5.1
20	2.8	3.0	5.0	14	4.6	6.2	3.4	3.0	0.81	0.52	1.9	4.2
21	2.8	3.2	4.6	11	4.3	11	3.1	3.2	1.1	0.48	1.7	5.2
22	2.2	3.2	4.5	7.0	4.0	6.4	3.2	3.1	0.77	0.47	1.4	5.6
23	1.9	8.2	4.9	39	3.8	5.7	2.9	2.8	1.2	0.50	1.2	4.1
24	1.9	21	5.2	18	3.8	5.4	3.0	3.0	1.3	3.7	1.6	3.4
25	12	5.0	4.6	31	3.8	5.1	4.4	2.2	1.1	3.2	2.1	4.3
26	2.8	4.2	4.4	10	3.9	5.7	3.3	2.0	0.98	1.9	2.0	9.6
27	2.5	3.8	4.3	8.3	3.6	5.4	3.4	3.8	0.87	1.5	1.5	13
28	2.5	3.7	4.2	7.3	3.7	4.9	3.6	2.9	0.80	1.2	1.5	6.6
29	e2.5	3.7	4.1	6.8	---	4.8	2.7	1.9	0.80	0.87	1.4	4.9
30	2.4	4.3	4.0	6.5	---	9.3	2.7	2.0	0.71	0.62	1.9	4.2
31	2.4	---	4.0	6.4	---	8.2	---	2.5	---	0.55	3.8	---
TOTAL	99.4	115.5	149.5	272.0	154.6	204.4	127.7	162.5	37.01	38.38	70.39	269.35
MEAN	3.21	3.85	4.82	8.77	5.52	6.59	4.26	5.24	1.23	1.24	2.27	8.98
MAX	18	21	13	39	14	13	7.0	30	2.3	3.7	21	120
(WY)	1993	1993	1984	1993	1990	1993	1983	1984	1989	1984	1994	1980
MIN	1.4	2.5	2.9	3.9	3.6	3.9	2.7	1.9	0.71	0.40	0.37	0.84
CFSM	0.50	0.60	0.75	1.36	0.85	1.02	0.66	0.81	0.19	0.19	0.35	1.39
IN.	0.57	0.67	0.86	1.57	0.89	1.18	0.74	0.94	0.21	0.22	0.41	1.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2002, BY WATER YEAR (WY)

MEAN	7.67	8.53	9.28	11.9	12.4	13.5	10.0	8.83	7.13	5.79	6.79	5.20
MAX	20.5	19.3	18.2	28.3	23.8	33.7	17.0	20.3	14.2	12.3	28.0	9.13
(WY)	1993	1993	1984	1993	1990	1993	1983	1984	1989	1984	1994	1980
MIN	2.55	3.85	4.82	5.22	5.52	6.59	4.26	4.03	1.23	1.24	2.27	2.29
(WY)	2001	2002	2002	1981	2002	2002	2002	2000	2002	2002	2002	1999

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SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1980 - 2002
ANNUAL TOTAL	2044.0	1700.73	
ANNUAL MEAN	5.60	4.66	8.90
HIGHEST ANNUAL MEAN			15.2
LOWEST ANNUAL MEAN			4.66
HIGHEST DAILY MEAN	e 60 Mar 29	e 120 Sep 15	370 Aug 27 1995
LOWEST DAILY MEAN	1.2 a Aug 28	0.37 b Aug 7	0.37 Aug 7 2002
ANNUAL SEVEN-DAY MINIMUM	1.4 Aug 22	0.45 Aug 7	0.45 Aug 7 2002
MAXIMUM PEAK FLOW		Unknown Sep 15	c 563 Aug 17 1994
MAXIMUM PEAK STAGE		7.53 Sep 15	c 7.86 May 23 1980
ANNUAL RUNOFF (CFSM)	0.87	0.72	1.38
ANNUAL RUNOFF (INCHES)	11.77	9.79	18.72
10 PERCENT EXCEEDS	9.0	8.2	14
50 PERCENT EXCEEDS	4.4	3.6	6.7
90 PERCENT EXCEEDS	2.0	0.87	3.2

a Also occurred Sep. 22, 23.

b Also occurred Aug. 14.

c At site and datum then in use.

e Estimated

